03-03-2006 **VER SHEET** U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 1-31-92 103189112 Docket No.: 50277-2829 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto 2. Name and address of receiving party(ies): 1. Name of Conveying Party(ies): Oracle International Corporation Fei Ge, Sam Idicula, Namit Jain, Nipun Agarwal Name: Internal Address: Additional name(s) of conveying party(ies) attached? \(\subseteq \text{Yes} \) 3. Nature of Conveyance: 500 Oracle Parkway Assignment Assignment ☐ Merger Street Address: ☐ Security Agreement Change of Name Redwood Other City: State/Country CA ZIP: 94065 Shores Execution Date: 2/15/06 4. Application number(s) or patent number(s): 2/15/06 If the document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s). B. Patent No(s). Additional numbers attached? Yes 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: Document should be mailed: 7. Total fee (37 CFR 3.41) Name: HICKMAN PALERMO TRUONG & BECKER LLP \$40.00 □ Enclosed Internal Address: Authorized to be charged to deposit account 2055 Gateway Place, Suite 550 Street Address: 8. Deposit account number: 50-1302 CA Zip: 95110 City: San Jose State: DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. February 22, 2006 Marcel K. Bingham, Reg. 42,327 Name and Registration No. of Person Signing Date Signature Total number of pages comprising cover sheet: CMB No. 0851-0011 (exp. 4/94)

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ASSIGNMENT OF APPLICATION FOR PATENT

WHE	REAS:
	Fei Ge, Palo Alto, California, USA
	Sam Idicula, San Jose, California, USA
	Namit Jain, Santa Clara, California, USA
	Nipun Agarwal, Santa Clara, California, USA
	(full name(s) and city and state of residence of inventor(s) (including country))
(herei	nafter referred to as ASSIGNOR(S)), has made a discovery and/or invention entitled:
	EFFICIENT PROCESSING OF PATH RELATED OPERATIONS ON DATA ORGANIZED HIERARCHICALLY IN A RDBMS
\boxtimes	for which application for Letters Patent of the United States has been executed on even date herewith,
	for which application for Letters Patent of the United States has been filed on, under Application No, and
WHE	REAS:
	Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Mail Stop 50P7, Redwood Shores, CA 94065

S of 500 Oracle Parkway, Mail Stop 50P7, Redwood Shores, CA 94065

and which, together with its successors, assigns, and legal representatives, is hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign

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to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE in accordance with the terms of this instrument.

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10-1-03

Docket No. <u>50277-2829</u>

I, SAID, ASSIGNOR(S), hereby covenant with ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE communicate to the ASSIGNEE as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisionals, continuations, continuation-in-parts of the said applications shall hereafter be desired by the ASSIGNEE, I will. at any time, when called upon to do so by the ASSIGNEE sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation. continuation-in-part, reexamination, and reissue applications so desired, and do all lawful acts requisite for the application for such continuations, continuation-in-parts, divisionals, reexaminations, or reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE.

Inventor(s): Please Sign and Date Below:

(1)	FEI CE	Date:	2/15/06
	FEI GE		

Docket No. <u>50277-2829</u>

 $(2) \qquad \qquad \sum_{i=1}^{n} di di$

Date: 2/15/2006

(3) NAMIT JAIN

Date: $\frac{0^2}{15/2006}$

Docket No. <u>50277-2829</u>

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